

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: -64.4 °C

Global applicability domain: Outside

Local applicability domain index: 4.39e-01

Confidence level: 5.45e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>HFC-41</div> <div>Measured: -78.4</div> <div>Predicted: -64.4</div>	<div>Image not found</div> <div>Chlorofluoromethane</div> <div>Measured: -9.10</div> <div>Predicted: -5.23</div>	<div>Image not found</div> <div>HFC-161</div> <div>Measured: -37.6</div> <div>Predicted: -33.1</div>
<div>Image not found</div> <div>1,1-Difluoroethane</div> <div>Measured: -24.9</div> <div>Predicted: -17.6</div>	<div>Image not found</div> <div>HFC-152</div> <div>Measured: 30.7</div> <div>Predicted: 7.18</div>	